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J1033 U.S. PTO

Customer 00959
Case Docket No. MBZ-001

THE COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231

J1033 U.S. PTO
09/835119
04/13/01

"Express Mail" Mailing Label Number EL 589 752 356 US

Date of Deposit April 13, 2001

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, DC 20231.

[Signature]
Signature
Ilidio P. Cardoso
Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Rima Kaddurah-Daouk and Bruce Kristal

For: Methods for Drug Discovery, Disease Treatment, and Diagnosis Using Metabolomics

Enclosed are:



- ☐ This is a request for filing a ☐ continuation ☐ divisional application under 37 CFR 1.53(b), of pending prior application serial no. _____ filed on _____ entitled _____.
- ☒ 70 pages of specification, 6 pages of claims, 1 pages of abstract.
- ☐ _____ sheets of drawings.
- ☒ An unexecuted Declaration, Petition and Power of Attorney.
- ☐ An assignment of the invention to _____. A recordation form cover sheet (Form PTO 1595) is also enclosed.
- ☒ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Other _____

The filing fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) | SMALL ENTITY | | | OTHER THAN SMALL ENTITY | |
|---|----------------------|-----------|--------------|------------|----|-------------------------|-----|
| FOR: | NO. FILED | NO. EXTRA | RATE | FEE | OR | RATE | FEE |
| BASIC FEE | //////////////////// | | //////// | \$ 355 | OR | //////// | \$ |
| TOTAL CLAIMS | 64 - 20 | = 44 | x 9= | \$ 396 | OR | x 18= | \$ |
| INDEP. CLAIMS | 11 - 3 | = 8 | x 40 | \$ 320 | OR | x 80 | \$ |
| <input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED | | | +135 | \$ 135 | OR | +270 | \$ |
| | | | TOTAL | \$1,206.00 | OR | TOTAL | 0 |

* If the difference in Col. 2 is less than zero, enter "0" in Col. 2.

- ☒ **THE FILING FEE IS NOT BEING PAID AT THIS TIME.**
- ☐ A check in the amount of \$ to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.
A duplicate copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of

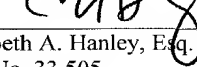
this application or credit  erpayment to Deposit Account No. 
A duplicate copy of this sheet is enclosed.

- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- ☐ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.
- ☐ A check in the amount of \$ _____ to cover the recording of assignment documents is also enclosed.
- ☒ Address all future communications (May only be completed by applicant, or attorney or agent of record) to Elizabeth A. Hanley, Esq. at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP
28 State Street
Boston, Massachusetts 02109

Date: April 13, 2001

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By 
Elizabeth A. Hanley, Esq.
Reg. No. 33,505
28 State Street
Boston, MA 02109
(617) 227-7400
Telecopier (617) 742-4214

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